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	thesapen	work Reduction Act of 1995, no persons	are require	ed to respond to a	COHEC	JUOIT	01 11110	mation unless	it displays a valid OME	Control Hambon	
	13	UTILITY	Attorney	Docket No.		1	CHOP.	0189US			
	CPA"	TENT APPLICATION	First Named Inventor				WEISS, Mitchell				
	). PTO	TRANSMITTAL		ALPHA-HEMOGLOBIN STABILIZING PROTEIN TRANSGENIC MOUSE AND METHODS OF USE THEREOF							
(	Only for new r	nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. E		EV	EV374762467US		US	Date Mailed: April 14, 2004		
	APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					ADDRESS TO:  Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450					
1.	[ X ] Fee Transmittal Form (Submit an original, and a duplicate for fee processing)					·.	[ ] CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)				
2.	[X]	Applicant claims small entity status See 37 CFR 1.27				3.	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
3.	[X]	Specification (preferred arrangement set forth below		otal Pages_ <u>83</u> )		a.	[]	Computer F	Readable Form (CRF)	8. P	
		(preferred arrangement set form below				b.	Spec	ification Seque	_	2,4 €	
		<ul> <li>Descriptive title of the Invention</li> <li>Cross References to Related Applica</li> </ul>	tions				[ ]	CD-ROM o	r CD-R (2 copies); or	88 <b>2</b> 4	
		<ul> <li>Statement Regarding Fed sponsored</li> <li>Reference to sequence listing, a table</li> </ul>	R&D				[ ]	paper		1754	
		or a computer program listing append - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if file) - Detailed Description	ıx			C.	[ ]	Statement	verifying identity of abo	ve copies	
	*		led)			AC(	OMP	ANYING AP	PLICATION PAR	rs	
	9	- Claim(s) - Abstract of the Disclosure				9.	[]	Assignmen	it Papers (cover sheet	& document(s))	
	•	- Abstract of the bisclosure				10.	[]		73(b) Statement [ e is an assignee)	] Power of Attorney	
4.	[X]	Drawing(s) (35 USC 113)	Γ)	otal Sheets <u>12</u> )	1	1.	[]	English Tra	anslation Document (if	applicable)	
5.	[]	Oath or Declaration	(1	rotal Pages)	1	2.	[ ]		Disclosure [ (IDS)/PTO-1449	Copies of Citations	
	a.	Newly executed (original or copy)			1	13.	[]	Preliminary	/ Amendment		
ŀ	b.	b. [ ] Copy from a prior application (37 CFR 1.63(d))  (for continuation/divisional with Box 18 completed)				14.	[X]		ceipt Postcard (MPEP to specifically itemized)	503)	
		<ol> <li>[ ] DELETION OF INVENTOR(S)         Signed Statement attached deleting inventor(s) named in         the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ol>				15.	[]	Certified C	opy of Priority Docume priority is claimed)	nt(s)	
6.	[]	Application Data Sheet See 37 CFR 1.		(d)(2) and 1.00(b).		16.	[ ]	, , ,	nd certification for non-	publication	
					1	17.	[]	Other:			
8. If or	. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite in or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Prior application information: Examiner  b. Priority Applications In addition to any applications listed in 17a, the present application also concorporated herein by reference.							of prior applicat Group Art Unit:	tion No.:	which is hereby	
	60/462,771 Filed April 14, 2003 and 60/477,991 Filed June 12, 2003										
or C		TION OR DIVISIONAL APPS only: The e	entire discl	osure of the prior	oilage	atio	n. from	which an oath	or declaration is supplie	ed under	
3ox 5	b, is consi	dered a part of the disclosure of the acco	mpanying	continuation or di	vision	ıal a	pplication	on and is hereb	y incorporated by refer	ence.	

The incorporation can only be relied upon when a portion has been inadvertently omitted from the

CORRESPONDENCE ADDRESS

Please address all correspondence to Customer Number 000110 to the attention of the individual identified below. Kathleen D. Rigaut, Ph.D., J.D.

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Kathleen D. Rigaut, Ph.D., P.T.O. Reg. No. 43,047

Phone (215) 563-4100 (215) 563-4044 Fax

4/14/04 Date

	Complete if known						
	Application Number not yet assigned						
FEE TRANSMITTAL							
	First Named Inventor WEISS, Mitchell						
	Group Art Unit						
	Examiner Name						
TOT. AMT. OF PAYMENT: (1)+(2)+(3) = \$ 993.00	Attorney Docket Number CHOP.0189US						
METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to:	3. ADDITIONAL FEES						
□ Charge indicated fees	Fee Description Fee Paid						
Charge additional fees	Surcharge-late filing fee or oath						
Credit overpayments	Surcharge - late provisional filing fee or cover sheet						
to the account of DANN, DORFMAN, HERRELL AND SKILLMAN	Non-English specification						
Deposit Account Number 04-1406	For filing a request for reexamination						
2. Payment enclosed:	Requesting publication of SIR prior to Examiner action						
	Requesting publication of SIR after Examiner action						
Checks in the amount of \$ 993.00	Extension for response within first month						
CHECK POSS.	Extension for response within second month						
	Extension for response within third month						
FEE CALCULATION	Extension for response within fourth month  Notice of Appeal						
1. FILING FEE	Filing a brief in support of an appeal						
Fee Description Fee Paid	Request for oral hearing						
Utility filing fee385.00	Petition to institute a public use proceeding Petition to revive unavoidably abandoned application						
Design filing fee	Petition to revive unintentionally abandoned application						
Plant filing fee	Issue fee						
Reissue filing fee	Petitions to the Commissioner						
Provisional filing fee	Petitions related to provisional applications						
SUBTOTAL (1) \$ 385.00	Submission of Information Disclosure Stmt.						
	Recording each patent assignment per property (times number of properties)						
	Filing a submission after final rejection (37 CFR 1.129(a))						
2. CLAIMS	For each additional invention to be examined (37 CFR 1.129(b))						
Extra Fee Fee Paid	Other fee (specify)						
Total Claims  Presented 38 - 20 = 18 x 9.00 = 162.00	Other fee (specify)						
(a)							
Independent Claims							
Presented $\frac{10}{(b)} - \frac{3}{(b)} = \frac{7}{x} \times \frac{43.00}{43.00} = \frac{301.00}{40.00}$							
Multiple Dependent Claim							
(first presentation) = 145.00							
(a) Enter 20 or number previously paid for							
(b) Enter 3 or number previously paid for	SUBTOTAL (3) \$						
SUBTOTAL (2) \$608.00_	555151RD (8) 4						
Submitted By:							

Typed or Printed Name <u>Kathleen D. Rigaut, Ph.D., J.D.</u>

Reg. Number 43,047

Date April 14, 2004

Deposit Account User ID 04-1406